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Application Number				10/805,650-Conf. #9645	
Filing Date				March 19, 2004	
First Named Inventor				Michael Borns	
Art Unit				1637	
Examiner Name				M. Staples	
Attorney Docket Number				2382(225436)	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
/MS/	A1	WO 0111051	02-15-2001	Lion Bioscience AG	Claims 1-43, examples 5, 7	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
/MS/	B1	Motz, Michael et al., "Elucidation of an archaeal replication protein network to generate enhanced PCR enzymes." The Journal of Biological Chemistry, May 3, 2002, Vol., 277, No. 18, pages 16179-16188.		
/MS/	B2	Pavlov, A.R. et al., "Helix-hairpin-helix motifs confer salt resistance and processivity on chimeric DNA polymerases" Proceedings of the National Academy of Sciences of USA, National Academy of Science, Washington, DC U.S. Vol. 99, No. 21, October 15, 2002, pages 13510-13515.		
/MS/	B3	Yates, Charles R. et al., "Molecular diagnosis of thiopurine S-methyltransferase deficiency: Genetic basis for azathioprine and mercaptopurine intolerance," Annals of Internal Medicine, Vol. 126, No. 8, 1997, pages 608-614.		
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/MS/	B5	Miettinen, P.J. Et al., "Impaired migration and delayed differentiation of pancreatic islet cells in mice lacking EGF-receptors," Development (Cambridge, England) June 2000, Vol. 127, No. 12, June 2000, pages 2617-2627.		
/MS/	B6	Boehlke, et al., "PCR performance of the B-type DNA polymerase from the thermophilic euryarchaeon Thermococcus aggregans improved by mutations in the Y-GG/A motif," Nucleic Acids Research, Oxford University Press, Surrey, GB, Vol. 28, No. 20, October 15, 2000, pages 3910-3917.		
/MS/	B7	Fogg, M.J. et al., "Structural basis for uracil recognition by archaeal family B DNA polymerases," Nature Structural Biology, New York, NY, US, Vol. 9, No. 12, December 2002, pages 922-927.		
/MS/	B8	Gardner, Andrew F. et al., "Determinants of nucleotide sugar recognition in an archaeon DNA polymerase," Nucleic Acids Research, Oxford University Press, Surrey, GB, Vol. 27, No. 12, June 15, 1999, pages 2545-2553.		
	B9	Copy of Supplementary European Search Report for EP 04 75 8226, dated March 23, 2007.		
Examiner Signature	/Mark Staples/		Date Considered	08/09/2007